

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	113709	"414"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:33
L2	1737067	exchang\$3 or transfer\$5	US-PGPUB; USPAT	OR	ON	2006/06/19 08:33
L3	16519	L2 and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:34
L4	2175	1 and (transfer near (object or wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 08:34
S1	2	"20040263823"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 11:50
S2	22	("20020024645" "5229872" "5296891" "5523193" "5559584" "5969441" "6046792" "6342941" "6399518").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 11:50
S3	9	("20020024645" "5229872" "5296891" "5523193" "5559584" "5969441" "6046792" "6342941" "6399518").PN.	US-PGPUB; USPAT	OR	ON	2005/12/05 11:54
S4	1454	355/75.cccls.	US-PGPUB; USPAT	OR	ON	2005/12/05 11:58
S5	5741	load adj lock	US-PGPUB; USPAT	OR	ON	2005/12/05 11:59
S6	1629258	exchang\$3 or transfer\$5	US-PGPUB; USPAT	OR	ON	2005/12/05 11:59
S7	5156	S5 and chamber	US-PGPUB; USPAT	OR	ON	2005/12/05 11:59

## EAST Search History

S8	4094	S6 and S7	US-PGPUB; USPAT	OR	ON	2005/12/05 11:59
S9	28	S4 and S8	US-PGPUB; USPAT	OR	ON	2005/12/05 14:39
S10	2	("5559587").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/05 14:39
S11	3	("5571560"   "5876280").PN. OR ("6399518").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 14:46
S12	0	("2004/0109152").URPN.	USPAT	OR	ON	2005/12/05 14:48
S13	12	("20010035942"   "20020002946"   "20020074635"   "20020081175"   "20030082466"   "5217501"   "5376212"   "5474641"   "5486080"   "5748827"   "5958198"   "6778258").PN. OR ("6927842"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 14:49
S14	2	"20040263823"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 09:28
S15	1	S14 and chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 09:55
S16	2	("6778258").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 09:56
S17	2	("20030082466").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 11:28

## EAST Search History

S18	2	("5486080").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 11:29
S19	0	S18 and (temperat\$5 or therm\$4 or heat or cool)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 11:42
S20	5	("5217501").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 11:42
S21	5	S20 and (temperat\$5 or therm\$4 or heat or cool)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 11:59
S22	9345	(therm\$4 adj treat\$5) with (wafer or object or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 12:01
S23	0	S20 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 12:00
S24	17	(("20030082466") or ("5376212") or ("20020081175") or ("5486080") or ("20040109152") or ("20010035942") or ("5969441") or ("6399518")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/06 12:01
S25	4344	S22 and "17"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 12:01

## EAST Search History

S26	0	S22 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 12:01
S27	2108	(therm\$4 adj treat\$5) near (wafer or object or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 12:01
S28	0	S24 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/06 12:01
S29	3051	355/75.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 08:01
S30	1455	355/75.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/07 08:19
S31	158278	"430"/\$.ccls. or "250"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/07 08:19
S32	5742	load adj lock	US-PGPUB; USPAT	OR	ON	2005/12/07 08:24
S33	1630333	exchang\$3 or transfer\$5	US-PGPUB; USPAT	OR	ON	2005/12/07 08:24
S34	5157	S32 and chamber	US-PGPUB; USPAT	OR	ON	2005/12/07 08:24
S35	4095	S33 and S34	US-PGPUB; USPAT	OR	ON	2005/12/07 08:24
S36	277	S31 and S35	US-PGPUB; USPAT	OR	ON	2005/12/07 08:24
S37	1	"20050264777"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 10:35

## EAST Search History

S38	90149	"399"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 10:47
S39	2	("6144826").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/08 10:47
S40	2	("20040263823").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 16:00
S41	1	S40 and (load near lock near chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 16:00
S42	2	"20040263823"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S43	22	("20020024645" "5229872" "5296891" "5523193" "5559584" "5969441" "6046792" "6342941" "6399518").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S44	9	("20020024645" "5229872" "5296891" "5523193" "5559584" "5969441" "6046792" "6342941" "6399518").PN.	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09
S45	1547	355/75.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09
S46	6137	load adj lock	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09
S47	1737067	exchang\$3 or transfer\$5	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09

## EAST Search History

S48	5508	\$46 and chamber	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09
S49	4392	\$47 and S48	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09
S50	38	\$45 and S49	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09
S51	2	("5559587").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 10:09
S52	3	("5571560"   "5876280").PN. OR ("6399518").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 10:09
S53	0	("2004/0109152").URPN.	USPAT	OR	ON	2006/06/15 10:09
S54	13	("20010035942"   "20020002946"   "20020074635"   "20020081175"   "20030082466"   "5217501"   "5376212"   "5474641"   "5486080"   "5748827"   "5958198"   "6778258").PN. OR ("6927842").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 10:09
S55	2	"20040263823"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S56	1	S55 and chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S57	2	("6778258").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 10:09
S58	2	("20030082466").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 10:09

## EAST Search History

S59	2	("5486080").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 10:09
S60	0	S59 and (temperat\$5 or therm\$4 or heat or cool)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S61	5	("5217501").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 10:09
S62	5	S61 and (temperat\$5 or therm\$4 or heat or cool)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S63	9874	(therm\$4 adj treat\$5) with (wafer or object or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S64	0	S61 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S65	17	(("20030082466") or ("5376212") or ("20020081175") or ("5486080") or ("20040109152") or ("20010035942") or ("5969441") or ("6399518")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 10:09
S66	4683	S63 and "17"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09

## EAST Search History

S67	0	S63 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S68	2241	(therm\$4 adj treat\$5) near (wafer or object or substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S69	0	S65 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S70	3143	355/75.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S71	1547	355/75.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09
S72	163535	"430"/\$.ccls. or "250"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09
S73	6137	load adj lock	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09
S74	1737067	exchang\$3 or transfer\$5	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09
S75	5508	S73 and chamber	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09
S76	4392	S74 and S75	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09
S77	308	S72 and S76	US-PGPUB; USPAT	OR	ON	2006/06/15 10:09
S78	2	"20050264777"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09

## EAST Search History

S79	91996	"399"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S80	2	("6144826").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 10:09
S81	2	("20040263823").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 10:09
S82	1	S81 and (load near lock near chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:09
S83	1547	S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:14
S84	92	S83 and @pd>"20051206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:38
S85	10	S84 and (load near lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:40
S86	482	( (load near lock) AND ((process\$3 or project\$3) near chamber) ). CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:41

## EAST Search History

S87	482	( (load near lock) AND ((process\$3 or project\$3) near chamber) ).CLM.	US-PGPUB; USPAT	OR	ON	2006/06/15 10:41
S88	3	( (load near lock) AND ((process\$3 or project\$3) near chamber) AND (object\$3 near hand\$3) ).CLM.	US-PGPUB; USPAT	OR	ON	2006/06/15 13:20
S89	151	( (load near lock) AND ((process\$3 or project\$3) near chamber) AND (robot) ).CLM.	US-PGPUB; USPAT	OR	ON	2006/06/15 13:33
S90	45	( (load near lock) AND ((process\$3 or project\$3) near chamber) AND (robot) and support ).CLM.	US-PGPUB; USPAT	OR	ON	2006/06/15 13:47
S91	2	("5486080").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 13:34
S92	37	("3901183"   "4008683"   "4282924"   "4695215"   "5083896"   "5186594"   "5404894").PN. OR ("5486080").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 13:38
S93	5	("5217501").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 13:38
S94	35	("4915777"   "4923584"   "4938691"   "5015330"   "5067218").PN. OR ("5217501").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 13:43
S95	2	("5376212").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 13:43
S96	22	("4785962"   "4825808"   "4851101"   "4908095"   "5217501").PN. OR ("5376212").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 13:46
S97	20843	(tokyo near electron).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 13:47

## EAST Search History

S98	51	( (load near lock) AND ((process\$3 or project\$3) near chamber) AND (robot) and support ) and S97	US-PGPUB; USPAT	OR	ON	2006/06/15 14:11
S99	64990	"414"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/15 14:11
S100	6487	(load near lock)	US-PGPUB; USPAT	OR	ON	2006/06/15 14:11
S101	832	S99 and S100	US-PGPUB; USPAT	OR	ON	2006/06/15 14:11
S102	3113	(load near lock) and ((robot or support) same chamber)	US-PGPUB; USPAT	OR	ON	2006/06/15 14:12
S103	617	S99 and S102	US-PGPUB; USPAT	OR	ON	2006/06/15 14:12
S104	2370	(load near lock) and ((project\$4 or process\$3) near chamber) and ((robot or support) same chamber)	US-PGPUB; USPAT	OR	ON	2006/06/15 14:12
S105	546	S99 and S104	US-PGPUB; USPAT	OR	ON	2006/06/15 14:12
S106	20099	"355"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/15 14:13
S107	53479	"356"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/15 14:13
S108	128	S99 and S107	US-PGPUB; USPAT	OR	ON	2006/06/15 14:13
S109	76	S99 and S106	US-PGPUB; USPAT	OR	ON	2006/06/15 14:14
S110	1547	355/75.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/15 14:14
S111	18469	S99 and "23"	US-PGPUB; USPAT	OR	ON	2006/06/15 14:14
S112	27	S99 and S110	US-PGPUB; USPAT	OR	ON	2006/06/15 14:14
S113	2	"20050129489"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 13:45